

010286



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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C60-K

Job Sheet 194888



Part No: C60-K

Job Qty: 1 pcs

Part Name: C-Series Remote Hook 6,000 lbs Lift Capacity



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 5/9/19

Job Tracking No:

Due Date: 5/31/19

Created By: Jennifer Renwick

Type: SOLD

Description:

Note: DWG C60-K Rev.2 IPP Rev. A 19.03.01 New issue DP Verify DD

Ship Via:

OK

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	External Load - 1	1 pcs	5/31/19	5/31/19	0.00	0.10	External Load - 1		AP
							External Load - 2		
							External Load - 3		
110	External Load - 2 - B4B	1 pcs	5/31/19	5/31/19	0.00	1.00	External Load - 1 - B4B		Michel 2019 06-11
							External Load - 2 - B4B		
							External Load - 3 - B4B		
120	QC 5	1 pcs	5/31/19	5/31/19	0.00	0.00	QC 5 - 10		
							QC 5 - 12		
							QC 5 - 17		
							QC 5 - 18		
							QC 5 - 19		
							QC 5 - 22		
							QC 5 - 24		
							QC 5 - 3		
							QC 5 - 43		
							QC 5 - 49		
							QC 5 - 51		
							QC 5 - 58		
							QC 5 - 68		
							QC 5 - 9		
							QC 5 - 50		DAS 30 0.85 JUN 12 2019
							QC 5 - 30		
							QC 5 - 40		
130	Packaging 3-2 - Stock - B4B	1 pcs	5/31/19	5/31/19	0.00	0.00	Packaging 3 - 1 - B4B		
							Packaging 3 - 2 - B4B		
							Packaging 3 - 3 - B4B		
							Packaging 3 - 4 - B4B		
							Packaging 3 - 5 - B4B		
							Packaging 3 - 6 - B4B		
							Packaging 3 - 7 - B4B		086 30 JUN 12 2019
							Packaging 3 - 8 - B4B		
							Packaging 3 - 9 - B4B		
							Packaging 3 - 10 - B4B		
							Packaging 3 - 11 - B4B		
							Packaging 3 - 12 - B4B		
							Packaging 3 - 13 - B4B		
							Packaging 3 - 14 - B4B		
							Packaging 3 - 15 - B4B		
							Packaging 3 - 16 - B4B		
							Packaging 3 - 17 - B4B		
							Packaging 3 - 18 - B4B		
							Packaging 3 - 19 - B4B		



Container No: S188381



Part: C60-K
Job No: 194888
Serial No/Batch: S188381

Revision: 2

Inspector:

Exp Date:

Instructions:

Date: 06/06/19

Dart Aerospace Ltd.
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CANADA
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				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
140	QC 21 - FG	1 pcs	5/31/19	0.00 0.00	QC 21 - FG - 21
					QC 21 - FG - 70
					QC 21 - FG - 53

Part Op 100 - Issue S/N.
 Descriptions: 110 - 1- PICK C60-2-1 AND LASER ENGRAVE AS PER DWG . SEE NOTE 4 ON SHEET 3. 2- ASSEMBLE AS PER DWG 3- PERFORM ALL NECESSARY TEST USING FAI TEST SHEET.
 120 - QC5- Inspect part completeness to step on W/O)
 130 - (Identify as per dwg & Stock Location: _____)
 140 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
188-FPSS-1/4-20-3/8	Set Screw	2 Ea (2 ea)	100-External Load - 1	5048557
188-FSCS-1032-5/8	Flat socket cap Screw	4 Ea (4 ea)	110-External Load - 2 - B4B	5179122
2595K2	Heat Shrink	1 ft (1 ea)	110-External Load - 2 - B4B	5049360
32448	16-14 AWG Knife Connector	2 Ea (2 ea)	110-External Load - 2 - B4B	5151100
600.1309	CANAM Plate ID Label	1 pcs (1 ea)	110-External Load - 2 - B4B	5136710
600.1309-A	Label	1 pcs (1 ea)	110-External Load - 2 - B4B	5136710
AN4-23A	Bolt	2 Ea (2 ea)	110-External Load - 2 - B4B	F123434-1
AN5-21A	Bolt	4 Ea (4 ea)	110-External Load - 2 - B4B	5097081
C10-41	Strain Relief Connector	1 Ea (1 ea)	110-External Load - 2 - B4B	5083917
C2-14-2	Label Rivets	2 Ea (2 ea)	110-External Load - 2 - B4B	5040661
C45-1-1	Manual Knob Release	1 pcs (1 ea)	110-External Load - 2 - B4B	5165654
C45-10-1	Lock Spring Pin	1 Ea (1 ea)	110-External Load - 2 - B4B	5040658
C45-11-2	Locating Pin	2 Ea (2 ea)	110-External Load - 2 - B4B	5175994
C45-12-1	Lock Bushing	2 pcs (2 ea)	110-External Load - 2 - B4B	5179711
C45-12-2	Lock Shaft	1 pcs (1 ea)	110-External Load - 2 - B4B	5163665
C45-12-4	Lock Roller	1 pcs (1 ea)	110-External Load - 2 - B4B	5188073
C45-12-5	Lock Roller Pin	1 pcs (1 ea)	110-External Load - 2 - B4B	5093171
C45-12-6	Retaining Ring	2 Ea (2 ea)	110-External Load - 2 - B4B	5088946
C45-13-1	Keeper Bushing	2 pcs (2 ea)	110-External Load - 2 - B4B	5125630
C45-13-3	Keeper Shaft	1 pcs (1 ea)	110-External Load - 2 - B4B	5170189
C45-15	Keeperless Adapter	1 pcs (1 ea)	110-External Load - 2 - B4B	5123093
C45-3-11	Actuator	1 pcs (1 ea)	110-External Load - 2 - B4B	5165452
C45-3-12	Latch Roller Bearing	1 Ea (1 ea)	110-External Load - 2 - B4B	5097903
C45-3-2	Latch Roller Pin	1 pcs (1 ea)	110-External Load - 2 - B4B	5029316
C45-3-2-1	Snap Ring	2 Ea (2 ea)	110-External Load - 2 - B4B	5097898

			B4B	
C45-3-3	Latch Roller	1 pcs (1 ea)	110-External Load - 2 -	S127763
			B4B	
C45-3-4	Pin	2 pcs (2 ea)	110-External Load - 2 -	S133668
			B4B	
C45-3-4-1	Retaining Ring	4 Ea (4 ea)	110-External Load - 2 -	S114803
			B4B	
C45-3-5	Teflon Spacer	2 Ea (2 ea)	110-External Load - 2 -	S029321
			B4B	
C45-3-6	Latch	1 pcs (1 ea)	110-External Load - 2 -	S165726
			B4B	
P C45-3-7	Link	1 pcs (1 ea)	110-External Load - 2 -	S029322
			B4B	
C45-3-8A	Actuator Shaft Bushing	1 pcs (1 ea)	110-External Load - 2 -	S078570
			B4B	
C45-3-8B	Actuator Shaft Bushing	1 pcs (1 ea)	110-External Load - 2 -	S182358
			B4B	
P C45-3-9	Lever Spring	1 pcs (1 ea)	110-External Load - 2 -	S029325
			B4B	
P C45-4-1	Trunnion Bushing	2 pcs (2 ea)	110-External Load - 2 -	S122734
			B4B	
C45-4-4KA	Load Beam Keeperless Assembly	1 pcs (1 ea)	110-External Load - 2 -	S166226
			B4B	
C45-4-5	Loadbeam Spacer	1 pcs (1 ea)	110-External Load - 2 -	S163562
			B4B	
C45-5-1	Lever Stop Pin	1 Ea (1 ea)	110-External Load - 2 -	S089113
			B4B	
C45-5-2	Lever Stop	1 pcs (1 ea)	110-External Load - 2 -	S195808
			B4B	
C45-7-1	LOADBEAM BUMPER	1 pcs (1 ea)	110-External Load - 2 -	S177835
			B4B	
C45-7-2	Lock Bumper	2 pcs (2 ea)	110-External Load - 2 -	S179118
			B4B	
C45-8-1-2	Solenoid Nut	2 pcs (2 ea)	110-External Load - 2 -	S163995
			B4B	
C45-8-2	Solenoid	1 pcs (1 ea)	110-External Load - 2 -	S177779 S 186638
			B4B	
C45-8-4	Solenoid Cover Gasket	1 pcs (1 ea)	110-External Load - 2 -	S171779
			B4B	
N C45-8-5	Solenoid Cover	1 pcs (1 ea)	110-External Load - 2 -	S046392
			B4B	
C45-9-1	Clock Spring Cover	1 pcs (1 ea)	110-External Load - 2 -	S167968
			B4B	
C45-9-2	Clock Spring	1 pcs (1 ea)	110-External Load - 2 -	S107946
			B4B	
C60-10-2	Lock Spring	1 pcs (1 ea)	110-External Load - 2 -	S047163
			B4B	
P C60-11-1	Side Plate Solenoid	1 pcs (1 ea)	110-External Load - 2 -	S029342 S062199
			B4B	
P C60-12-3	Lock	1 pcs (1 ea)	110-External Load - 2 -	S029342
			B4B	
P C60-2-1	Side Plate	1 pcs (1 ea)	110-External Load - 2 -	S029450
			B4B	
C60-3-1	Radial Bearing	2 Ea (2 ea)	110-External Load - 2 -	S068891
			B4B	
P C60-3-10	Latch Shaft	1 pcs (1 ea)	110-External Load - 2 -	S029345
			B4B	
EL-PLUG-M	3-Prong Male Spade Plug	1 Ea (1 ea)	110-External Load - 2 -	S176126
			B4B	
EL314-SJTOW	Long Line Electrical Wire, 14/3 Gauge replace w/t 01004-08-047	1 ft (1 ea)	110-External Load - 2 -	S179682
			B4B	
MS21044N5	Nut	4 Ea (4 ea)	110-External Load - 2 -	S097089
			B4B	
MS27039-4-08	Screw	1 Ea (1 ea)	110-External Load - 2 -	S097087-1
			B4B	
NAS1149F0563P	Washer	8 Ea (8 ea)	110-External Load - 2 -	S184942
			B4B	
NAS1149F0632P	Washer	3 Ea (3 ea)	110-External Load - 2 -	S097088-2
			B4B	

Loctite 242: (M138933)
 Loctite 620: (S166705)
 Aeroshell grease NO.7 (S138964)
 Sab-T-eye (M128063)

S067038

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-External Load - 1	188-FPSS-1/4-20-3/8	2	88	0
	188-FSCS-1032-5/8	4	175	0
110-External Load - 2 - B4B	2595K2	1	19	0
	32448	2	203	0
	600.1309	1	0	0
	600.1309-A	1	93	0
	AN4-23A	2	680	0
	AN5-21A	4	336	0
	C10-41	1	24	0
	C2-14-2	2	180	0
	C45-1-1	1	12	0
	C45-10-1	1	160	0
	C45-11-2	2	49	0
	C45-12-1	2	16	0
	C45-12-2	1	19	0
	C45-12-4	1	65	0
	C45-12-5	1	42	0
	C45-12-6	2	110	0
	C45-13-1	2	0	0
	C45-13-3	1	29	0
	C45-15	1	7	0
	C45-3-11	1	29	0
	C45-3-12	1	79	0
	C45-3-2	1	0	0
	C45-3-2-1	2	89	0
	C45-3-3	1	21	0
	C45-3-4	2	48	0
	C45-3-4-1	4	137	0
	C45-3-5	2	95	0
	C45-3-6	1	20	0
	C45-3-7	1	0	0
	C45-3-8A	1	23	0
	C45-3-8B	1	10	0
	C45-3-9	1	24	0
	C45-4-1	2	20	0
	C45-4-4KA	1	5	0
	C45-4-5	1	15	0
	C45-5-1	1	42	0
	C45-5-2	1	34	0
	C45-7-1	1	31	0
	C45-7-2	2	44	0
	C45-8-1-2	2	73	0
	C45-8-2	1	5	0
	C45-8-4	1	20	0
	C45-8-5	1	44	0
	C45-9-1	1	17	0
	C45-9-2	1	41	0
	C60-10-2	1	36	0
	C60-11-1	1	0	0
	C60-12-3	1	0	0
	C60-2-1	1	0	0
	C60-3-1	2	52	0
	C60-3-10	1	0	0
	EL-PLUG-M	1	44	0
	EL314-SJTOW	1	0	0
	MS21044N5	4	61	0
	MS27039-4-08	1	220	0
	NAS1149F0563P	8	259	0
	NAS1149F0632P	3	384	0
Part Specifications				
Specifications could not be found.				

Plex 5/9/19 1:55 PM Dart.Renwick.Jennifer



Remote Cargo Hook Test Form

C60K

Work Order 194888

Customer 15712

Serial Number 5188381

Date 2019-6-7

# of Releases	Load (Lbs.)	Release Method	Remarks	Result	Pass/fail
1	15,000	Static Hold	Hold for two Minutes and reduce load to zero	N/A	Pass
10	3,000	Electircal, 25 volts	No "hang ups" permitted	N/A	Pass
2	6,000	Electircal, 22 volts	Current shall not exceed 12.4A	9.0 Amp.	Pass
2	4,500	Electircal, 22 volts	Current shall not exceed 12.4A	8.5 Amp.	Pass
2	3,000	Electircal, 22 volts	Current shall not exceed 12.4A	8.0 Amp.	Pass
2	1,500	Electircal, 22 volts	Current shall not exceed 12.4A	7.8 Amp.	Pass
2	500	Electircal, 22 volts	Current shall not exceed 12.4A	7.6 Amp.	Pass
1	6,000	Electircal, 20 volts	Current shall not exceed 11.3A	7.0 Amp.	Pass
1	6,000	Electircal, 28 volts	Current shall not exceed 15.8A	10.0 Amp.	Pass
1	6,000	Manual		N/A	Pass
1	6,000	Impact Test	Impact shackle 10 times, shall not release	N/A	Pass
1	N/A	Solenoid Ohms	Shall not exceed 1.7-2.0 Ohms	2.0 Ohms	Pass
1	N/A	Electircal Continuity	Across both wires	N/A	Pass

Test Conducted By

Michel Lalonde

Signature:

Sylvie Boucher
QC 5 Small FAB / QA

Submit